South 200th Link Extension

Open House

April 3, 2013

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Presentation agenda

- Overview of South 200th Link Extension– SeaTac/Airport to Angle Lake Station
- Construction Plans and Proposed Detours
- Elevated Structure Design
- Angle Lake Station Design
- Public Art Concepts
- Parking, Plaza and Retail
- Roadway, Bicycle and Pedestrian Improvements

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South 200th Link Extension

Project Description

- 1.6 miles elevated double track guideway
- Park-and-ride facility including garage with plaza/retail connection to the station
- Potential for future development
- Bus connections, including KC Metro Rapid Ride A
- Off-street passenger drop-off area
- Secured bicycle parking
- Improved pedestrian and bicycle connections in the station vicinity

Stakeholders

- Residents and businesses
- City of SeaTac
- Port of Seattle
- Puget Sound Energy
- Washington State Dept. of Transportation
- Federal Transit Administration

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Coming in 2016

- One way trip from Angle Lake Station to University of Washington in 47 minutes
- 5,400 passengers coming and going from Angle Lake Station (by 2018)
- Park and Ride Facility (up to 1,100 spots)

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Project at a glance

- In September 2012, Sound Transit Board of Directors awarded design-build contract to PCL Civil Constructors (design builder)
- In December 2012, Sound Transit Board of Directors adopted Angle Lake Station as the official name of the station at South 200th Street
- Strong collaboration and partnership with Sound Transit, Design Builder, Port of Seattle and the City of SeaTac
- Design is underway for utility relocation, demolition and site preparation, guideway/structure, civil construction, Angle Lake Station, and systems.
- Groundbreaking this Spring
- Procurement underway for parking garage, plaza, retail and surface improvements

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Project schedule

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Elevated Structure Design and Construction

Tim Gattie, PCL Civil Constructors
&
Kevin Collins, HDR

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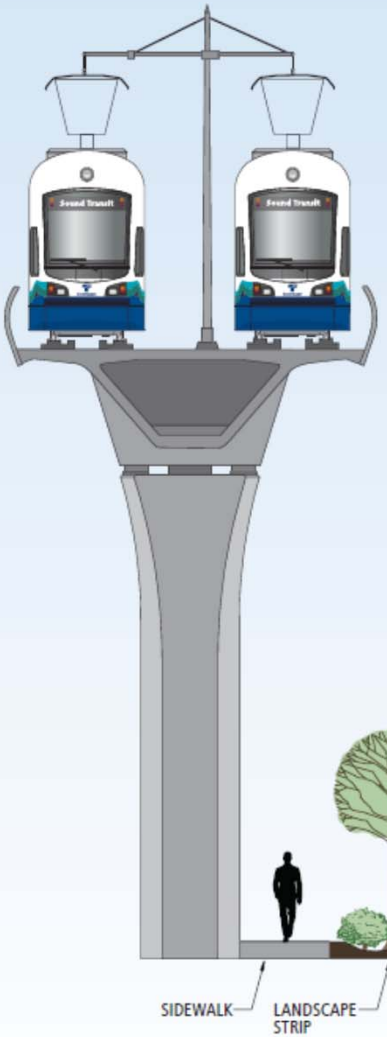
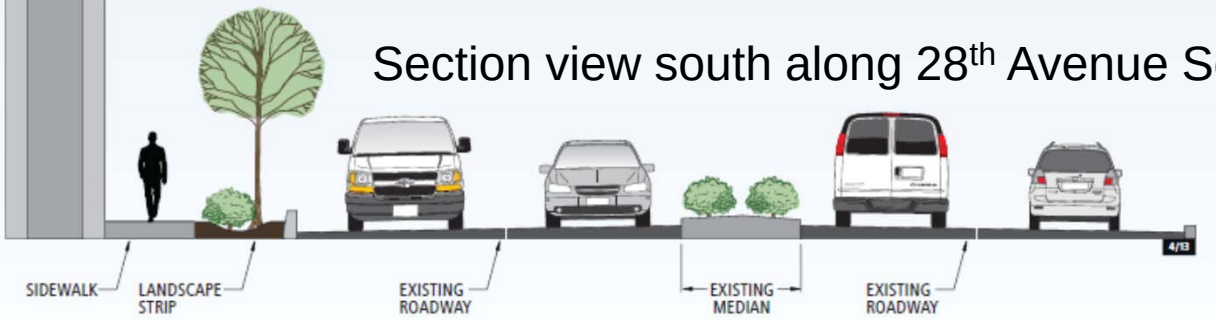
Typical elevated structure cross-section



Elevated structure construction in Tukwila

Section view south along 28th Avenue South



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Current view looking south along 28th Avenue South

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Future: Looking south along 28th Avenue South

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Elevated structure renderings

Elevated structure along 28th Avenue South looking north

Elevated structure along “little 28th Avenue South” looking south

Construction stages

Utility Relocation

⇩

Demo and site preparation

⇩

Foundations

⇩

Columns

⇩

Structure/Guideway

⇩

Tracks/Systems

⇩

Restoration

Central Link Structure Construction in Tukwila

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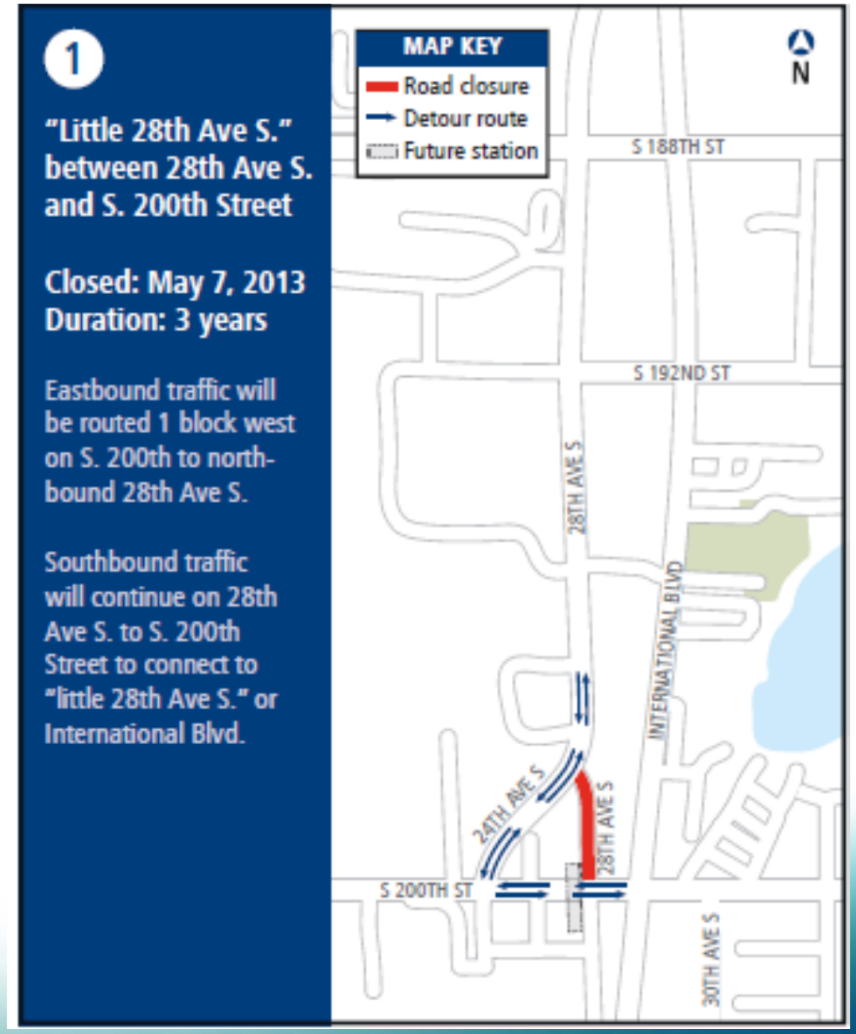
Proposed Long-Term Detour

"Little 28th Avenue South"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"Little 28th Ave S." between 28th Ave S. and S. 200th Street
Closed: May 7, 2013
Duration: 3 years
Eastbound traffic will be routed 1 block west on S. 200th to north-bound 28th Ave S.
Southbound traffic will continue on 28th Ave S. to S. 200th Street to connect to "little 28th Ave S." or International Blvd.
MAP KEY
Road closure
Detour route
Future station
N
S 188TH ST
S 192ND ST
28TH AVE S
INTERNATIONAL BLVD
24TH AVE S
28TH AVE S
S 200TH ST
30TH AVE S

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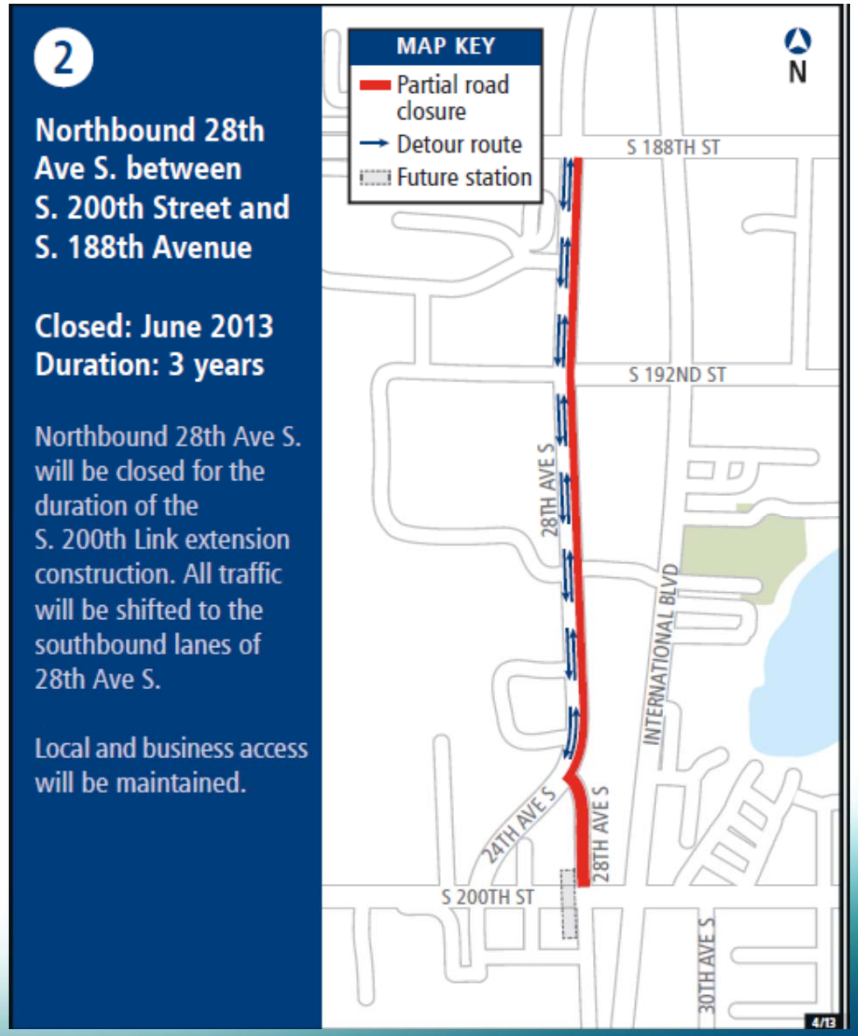
Proposed Long-Term Detour

Northbound 28th Avenue South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Northbound 28th Ave S. between S. 200th Street and S. 188th Avenue
Closed: June 2013
Duration: 3 years
Northbound 28th Ave S. will be closed for the duration of the S. 200th Link extension construction. All traffic will be shifted to the southbound lanes of 28th Ave S.
Local and business access will be maintained.
MAP KEY
Partial road closure
Detour route
Future station
N
S 188TH ST
S 192ND ST
28TH AVE S
INTERNATIONAL BLVD
24TH AVE S
28TH AVE S
S 200TH ST
30TH AVE S
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Angle Lake Station Design

Catherine Calvert
VIA Architecture

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Angle Lake Station (Looking south)

Angle Lake Station

view from South 200th Street looking east

Angle Lake Station plaza view

Angle Lake Station platform view

South 200th Link Extension Public Art Program

Barbara Luecke
Sound Transit

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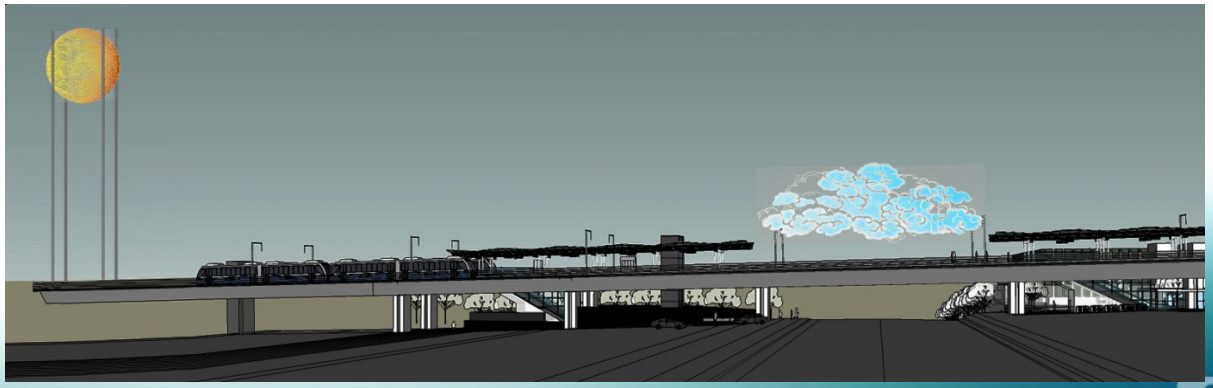
Angle Lake Station public art

- Concepts and Goals:
  - use art to heighten one's sense of surroundings
  - create art 'in motion' that acts as an aesthetic barometer of atmospheric conditions including wind, rain, and sun
  - create a variety of art experiences and vantages, including iconic distant views and emotive and tactile embodied experiences



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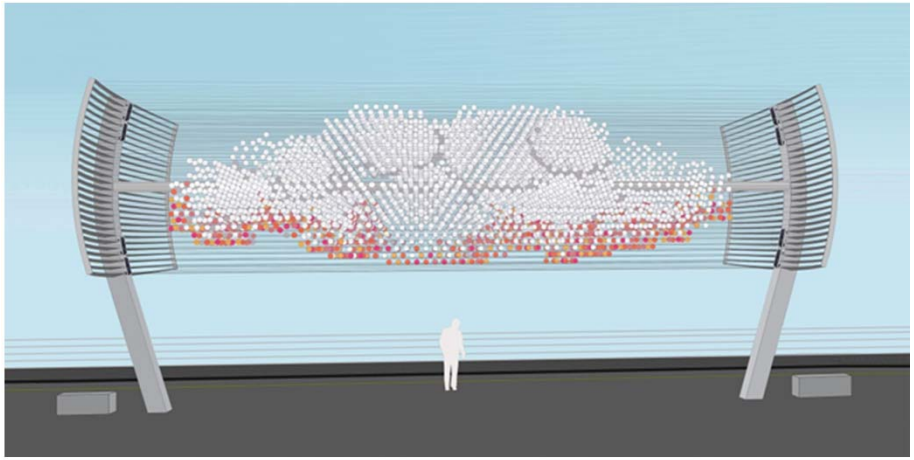
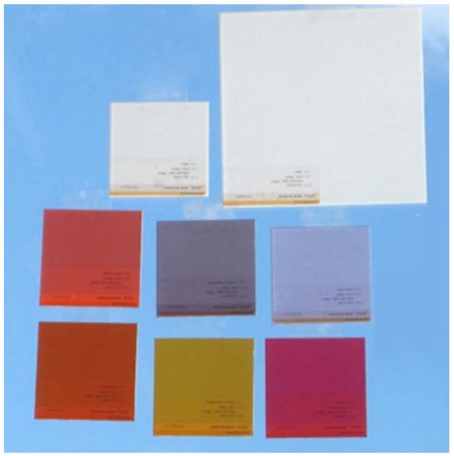
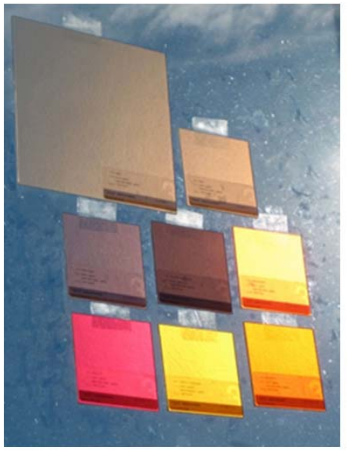
Angle Lake Station: Laura Haddad, “Cloud” -- platform

S. 200th Link Extension

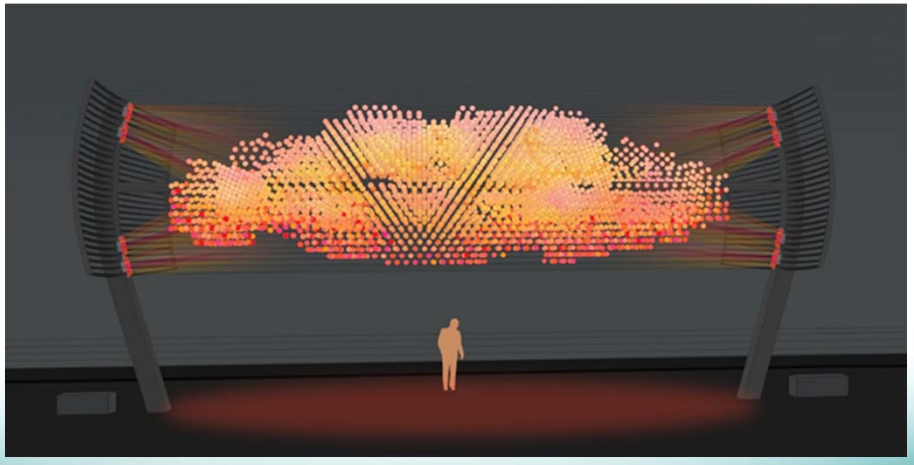


Cloud: Day view -- station platform

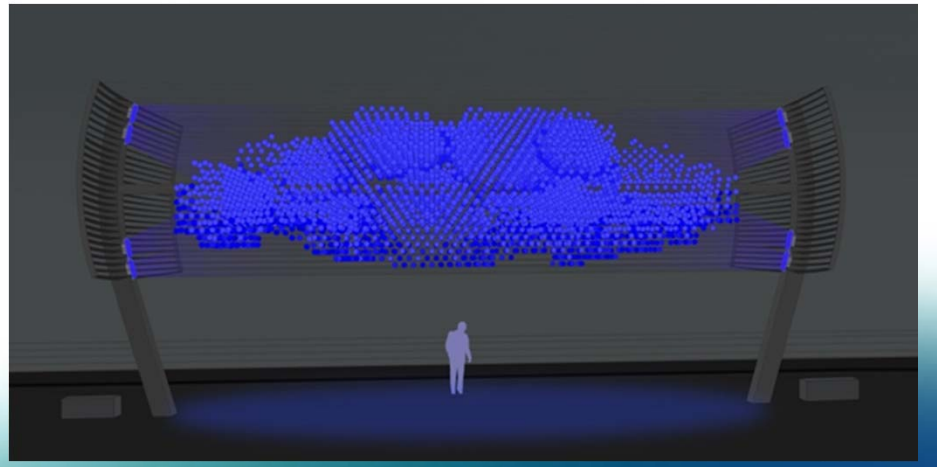




Cloud Discs: sunny and cloudy days



Cloud: Night view -- station platform



Cloud: Night –
train arrival changes lights

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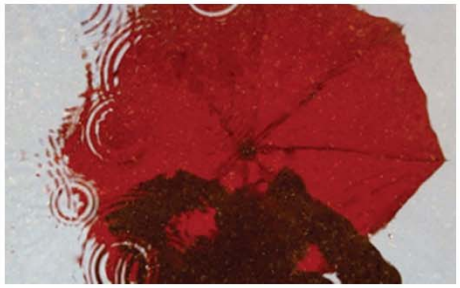
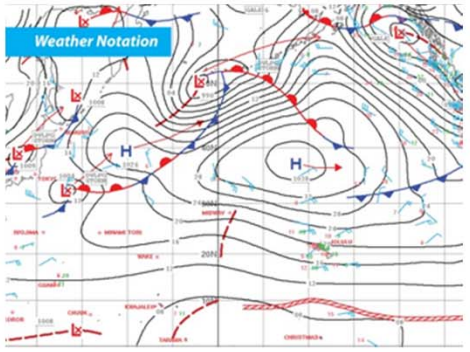
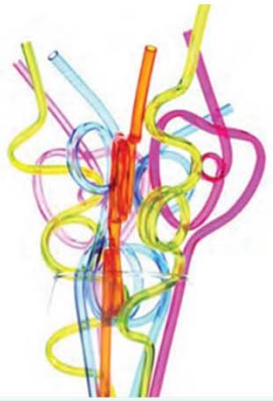
Angle Lake Station: Jill Anholt, plaza artist
In concept development
S. 200th Link Extension

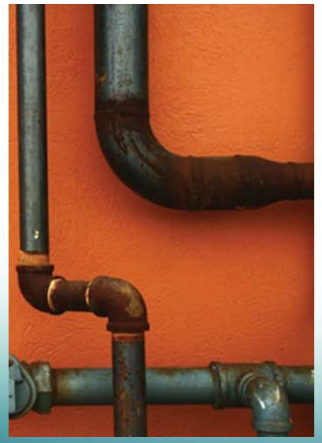
Inspirations:

Environment-in-Motion Station Theme & “Rain Drains” from Art Plan



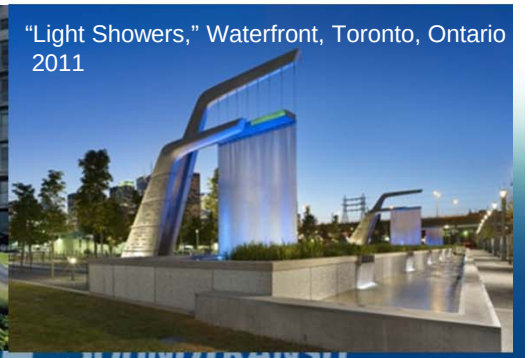






Anholt Past Work

“Scopes of Site,” Coal Harbor, Vancouver BC, 2002



“Light Showers,” Waterfront, Toronto, Ontario 2011

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Parking, Plaza & Retail
Pedestrian, Bicycle & Roadway Improvements

Mark Johnson
Sound Transit

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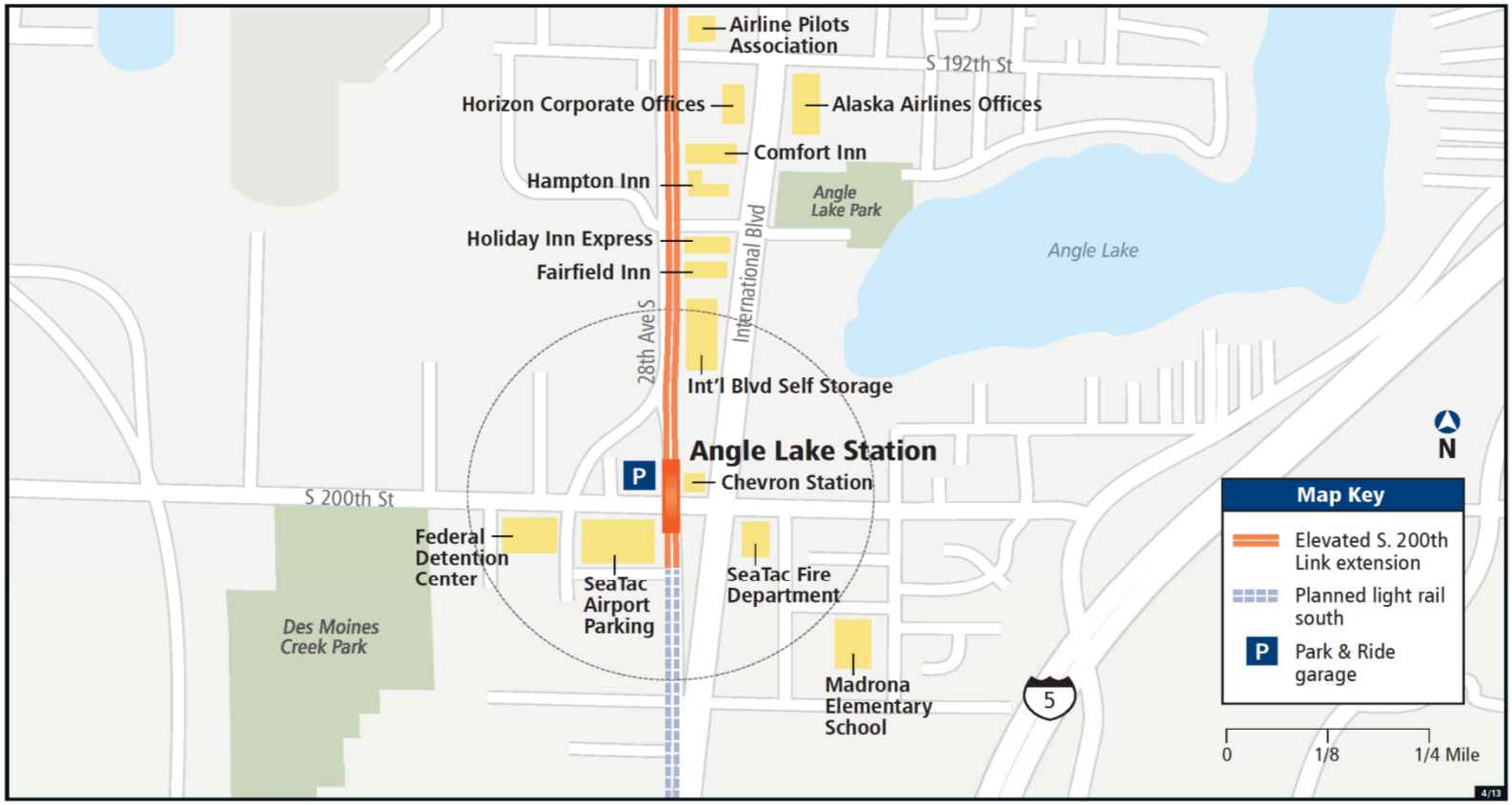
ANGLE LAKE STATION & VICINITY

S. 200TH LINK EXTENSION



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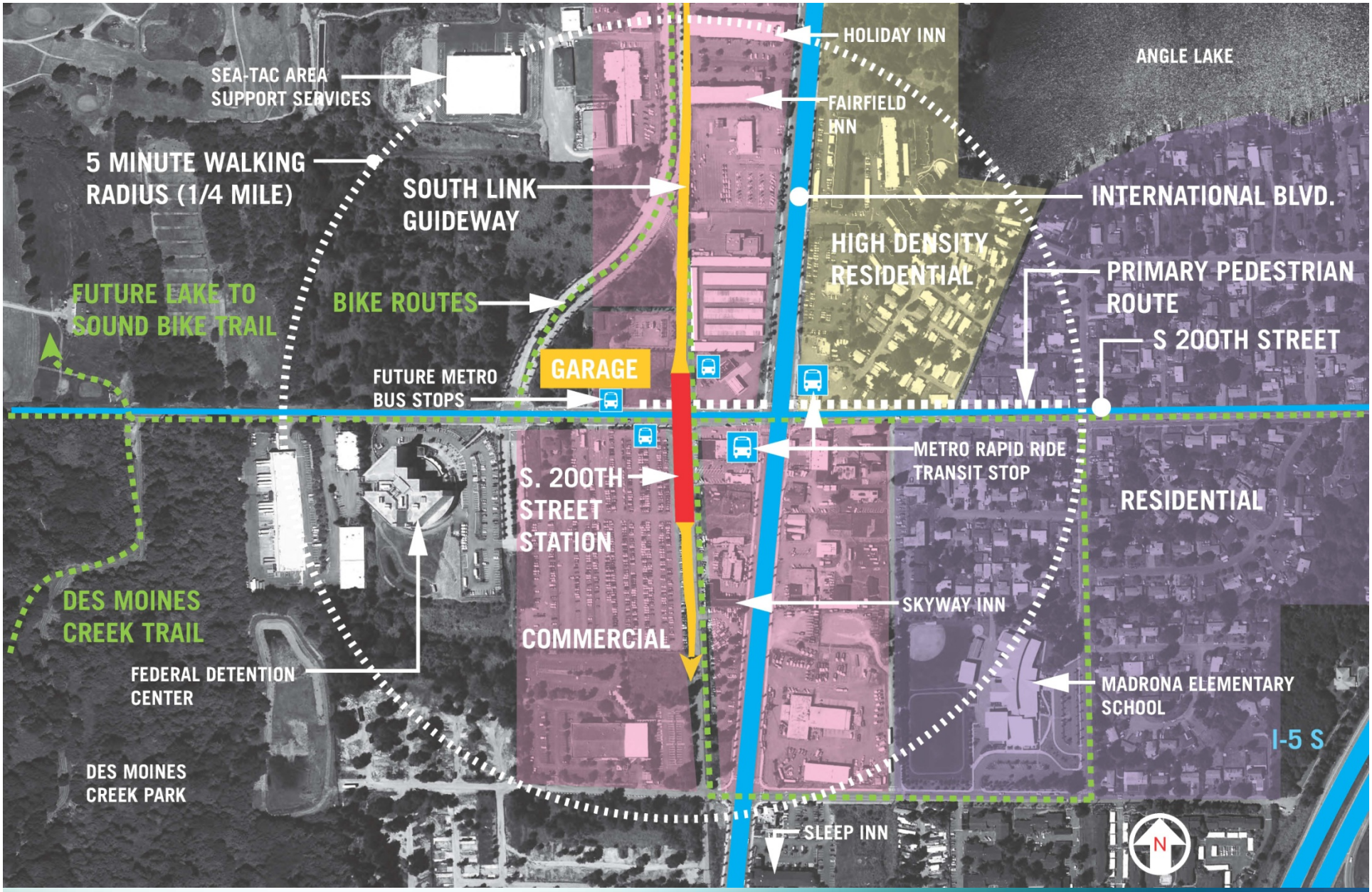

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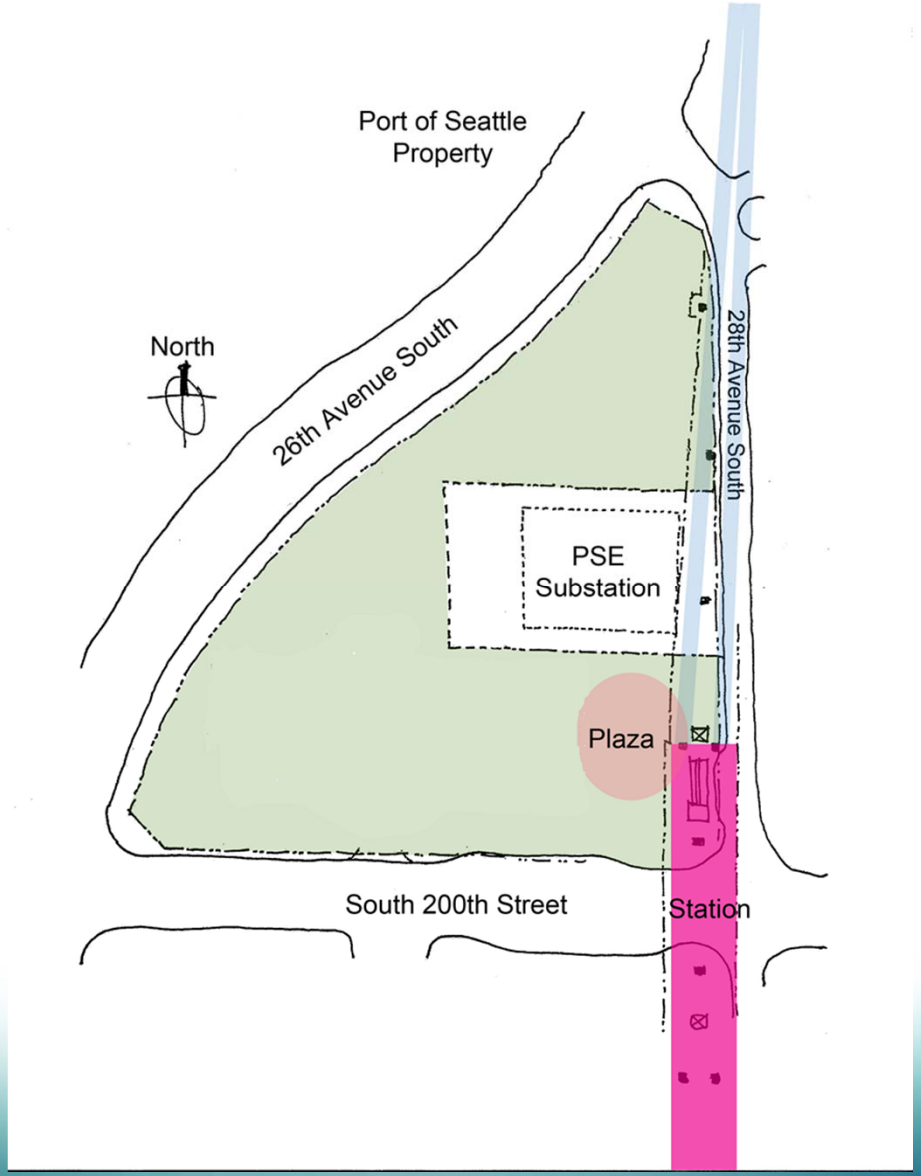
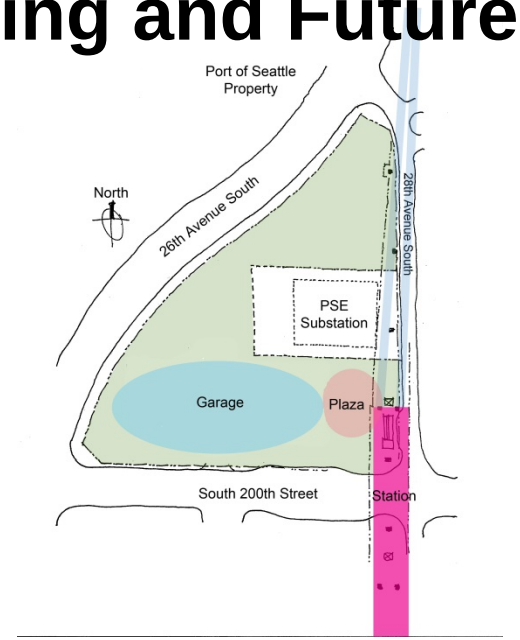
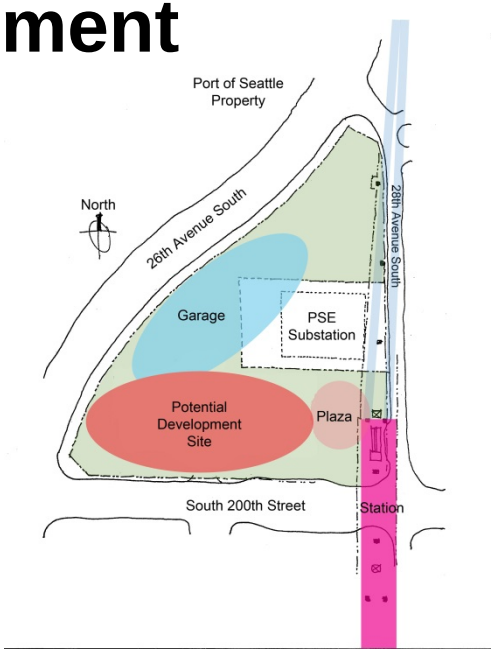
Parking and Future Development

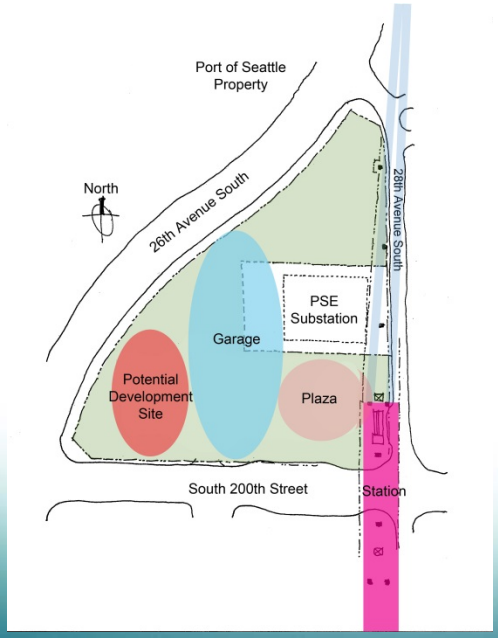


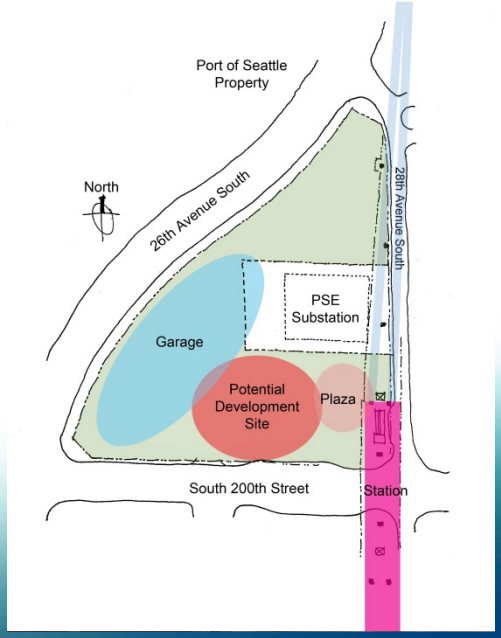
- Oddly shaped site: difficult to use efficiently
- SeaTac zoning code requires structured parking for high-capacity transit facilities; retail space required with parking garage, on street facade
- Sound Transit wants to provide required parking capacity, and also wants associated transit-supportive development on site remainders
- Where to site the parking garage?

Parking and Future Development









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Plaza & Retail Design Concepts

- Now beginning discussion regarding plaza/retail concepts
- Public input on plaza design welcome and encouraged
- Plaza elements: seating, walkways, landscaping, and public art work
- Other ideas?

Examples of public plazas, not part of current concepts

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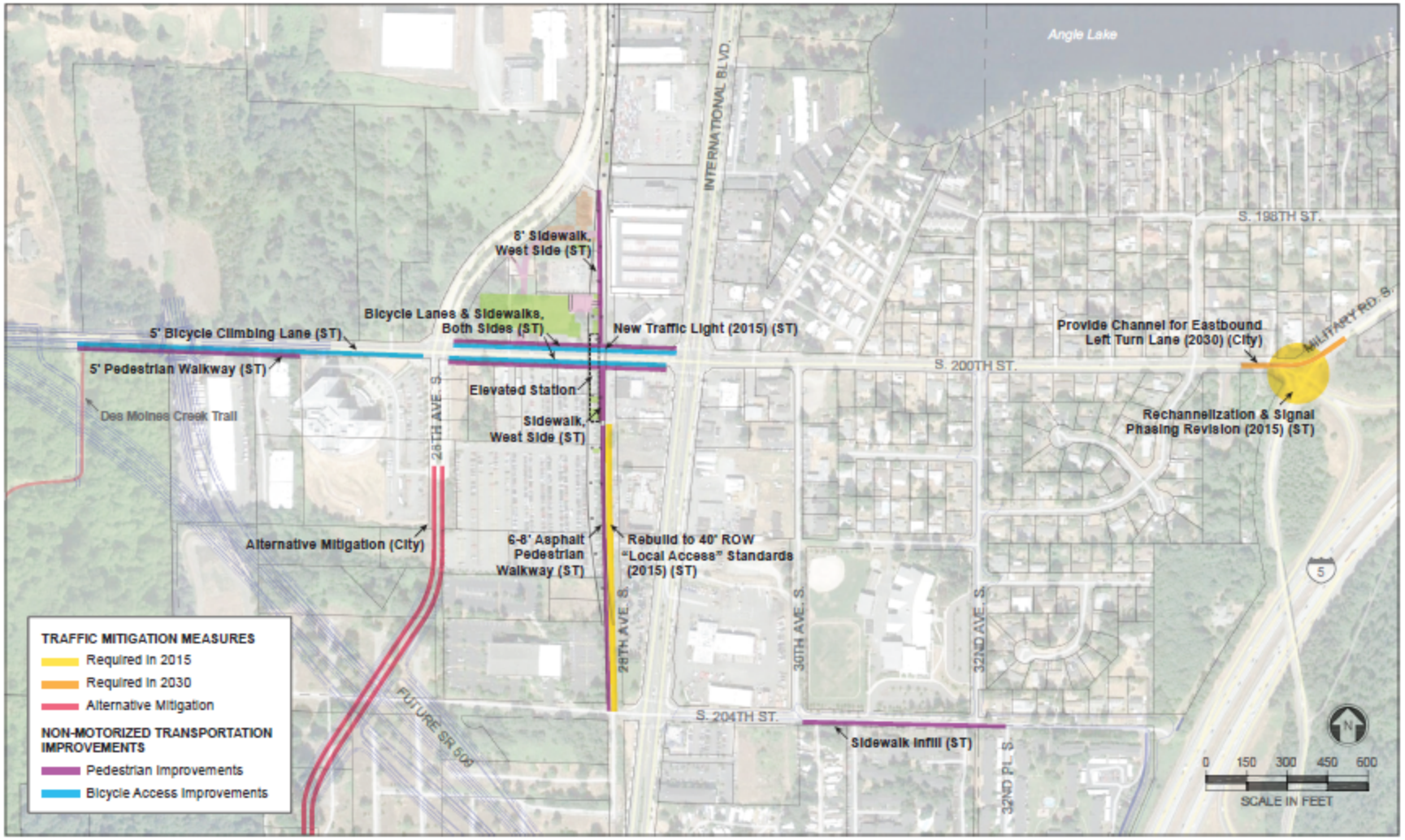
Traffic Impact Mitigations

EXHIBIT F-1. Traffic Impact Mitigation Measures and Non-Motorized Transportation Improvements



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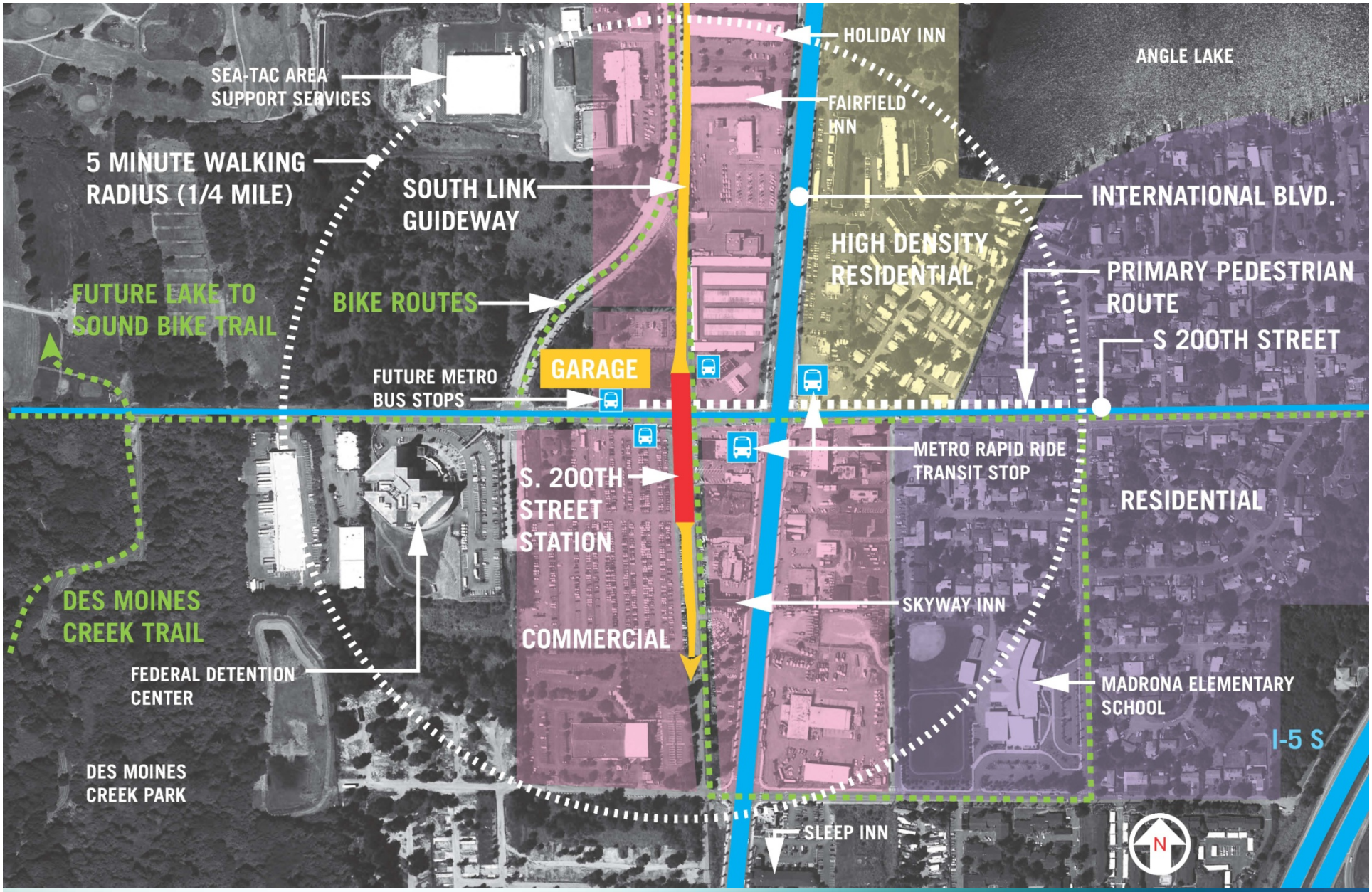

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Questions?

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